Lab-2

1. Identify and fix the errors in the following code:

public class Test {

//missing static

public static void main(string[] args String[] args) { //improper formatting of Data Type name

double i = 50.0;

double k = i + 50.0;

double j = k + 1;

System.out.println("j is " + j + " and

k is " + k); // multi-line is prohibited as it leaves the previous statement incomplete.

System.out.println(j"j is " + j + " and k is " + k);

}

}

1. Identify the illegal identifier names:

a) $2   
b) ComputeArea   
c) area   
d) radius   
e) print   
f) 2A   
g) d+4

1. Identify the legal identifier names:
   1. miles
   2. Test
   3. a++
   4. ––a
   5. 4#R
   6. $4
   7. #44
   8. apps
   9. class
   10. public
   11. int
   12. x
   13. y
   14. radius
2. Identify and fix the errors in the following code:

public class Test {

public static void main(String[] args) {

int k = 0; //defining variable k

int i = k + 2; //undefined variable ‘k’

System.out.println(i);

}

}

1. Identify and fix the errors in the following code:

public class Test {

public static void main(String[] args) {

int j = 0; //defining variable j

int k = 0; // defining variable k

int i = j = k = 2; //undefined variables ‘j’ and ‘k’

System.out.println(i + " " + j + " " + k);

}

}

1. Compute the perimeter of a rectangle whose width is 10.4 in and height is 12.2 in. And print the perimeter.

A sample output :   
  
Graphical user interface, text, application

Description automatically generated

1. Compute the perimeter of a rectangle again but this time receive the width and the height values from the user through a Scanner object.

Graphical user interface, application

Description automatically generated with medium confidence